MOOG Videolarm

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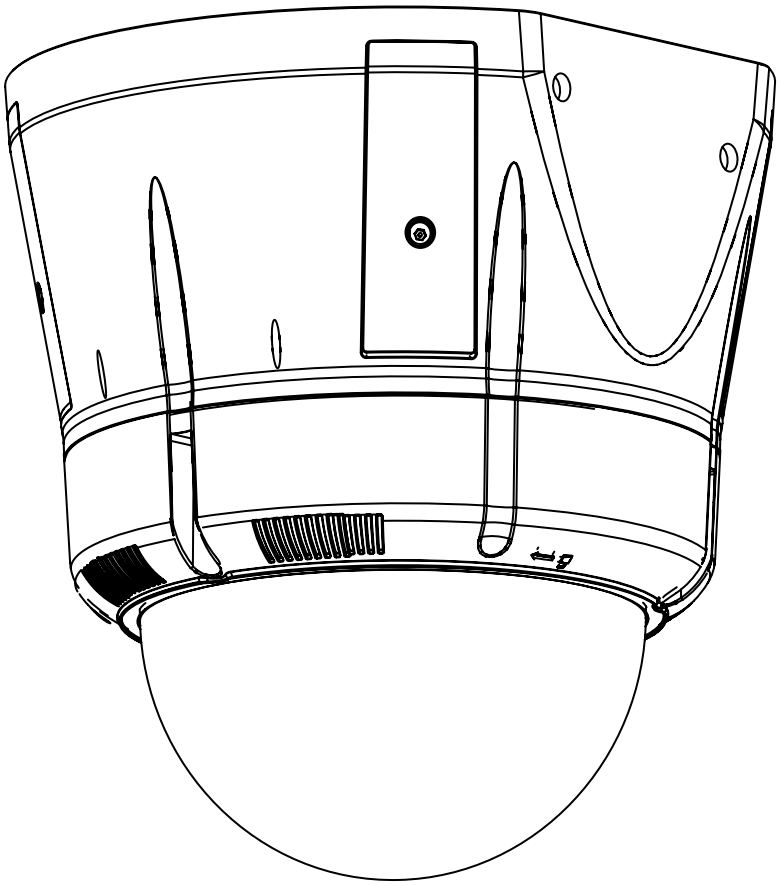


SM7CS-9, SM7C12S-9

SView™ Series

www.videolarm.com

Installation and Operation Instructions for the following models:

ISO CERTIFIED

Before attempting to connect or operate this product,
please read these instructions completely.

81-IN5391
07-09-2010

IMPORTANT SAFEGUARDS

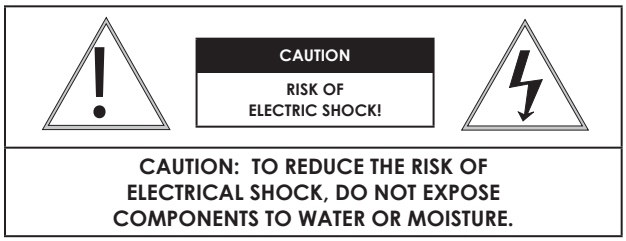
1. **Read Instructions** - All the safety and operating instructions should be read before the unit is operated.
2. **Retain Instructions** - The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** - All warnings on the unit and in the operating instructions should be adhered to.
4. **Follow Instructions** - All operating & user instructions should be followed.
5. **Electrical Connections** - Only a qualified electrician should make electrical connections.
6. **Attachments** - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. **Cable Runs** - All cable runs must be within permissible distance.
8. **Mounting** - This unit must be properly and securely mounted to a supporting structure capable of sustaining the weight of the unit. Accordingly:
   a. Installation should be made by a qualified installer.
   b. Installation should be in compliance with local codes.
   c. Care should be exercised to select suitable hardware to install the unit, taking into account both the composition of the mounting surface and the weight of the unit. Be sure to periodically examine the unit and the supporting structure to make sure that the integrity of the installation is intact. Failure to comply with the foregoing could result in the unit separating from the support structure and falling, with resultant damages or injury to anyone or anything struck by the falling unit.

UNPACKING

Unpack carefully. Electronic components can be damaged if improperly handled or dropped. If an item appears to have been damaged in shipment, replace it properly in its carton and notify the shipper. ***Be sure to save:***

1. The shipping carton and packaging material. They are the safest material in which to make future shipments of the equipment.
2. These Installation and Operating Instructions.

SAFETY PRECAUTIONS



CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT EXPOSE COMPONENTS TO WATER OR MOISTURE.

The lightning flash with an arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

SERVICE

If the unit ever needs repair service, customer should contact Videolarm (1-800-554-1124) for return authorization & shipping instructions.

TECHNICAL SUPPORT

Videolarm has set-up a 24 hour technical support line for their customers.

24 HOUR TECHNICAL SUPPORT

1-800-554-1124

LIMITED WARRANTY FOR VIDEOLARM INC. PRODUCTS

VIDEOLARM INC. *warrants this Product to be free from defects in material or workmanship, as follows:*

PRODUCT CATEGORY	PARTS	LABOR
All Enclosures and Electronics	Five (5) Years	Five (5) Years
Pan/Tilts	Three (3) Years **6 months if used in autoscan / tour operation	Three (3) Years **6 months if used in autoscan / tour operation
Poles/PoleEvators	Three (3) Years	Three (3) Years
Warrior/Q-View/I.R. Illuminators	Five (5) Years	Five (5) Years
SView Series	Five (5) Years **6 months if used in autoscan / tour operation	Five (5) Years **6 months if used in autoscan / tour operation
Controllers	Five (5) Years	Five (5) Years
Power Supplies	Five (5) Years	Five (5) Years
Accessory Brackets	Five (5) Years	Five (5) Years

During the labor warranty period, to repair the Product, Purchaser will either return the defective product, freight prepaid, or deliver it to Videolarm Inc. Decatur GA. The Product to be repaired is to be returned in either its original carton or a similar package affording an equal degree of protection with a RMA # (Return Materials Authorization number) displayed on the outer box or packing slip. To obtain a RMA# you must contact our Technical Support Team at 800.554.1124, extension 101. Videolarm will return the repaired Product freight prepaid to Purchaser. Videolarm is not obligated to provide Purchaser with a substitute unit during the warranty period or at any time. After the applicable warranty period, Purchaser must pay all labor and/or parts charges.

The limited warranty stated in these product instructions is subject to all of the following terms and conditions:

1. NOTIFICATION OF CLAIMS: WARRANTY SERVICE: If Purchaser believes that the Product is defective in material or workmanship, then written notice with an explanation of the claim shall be given promptly by Purchaser to Videolarm but all claims for warranty service must be made within the warranty period. If after investigation Videolarm determines that the reported problem was not covered by the warranty, Purchaser shall pay Videolarm for the cost of investigating the problem at its then prevailing per incident billable rate. No repair or replacement of any Product or part thereof shall extend the warranty period as to the entire Product. The specific warranty on the repaired part only shall be in effect for a period of ninety (90) days following the repair or replacement of that part or the remaining period of the Product parts warranty, whichever is greater.

2. EXCLUSIVE REMEDY: ACCEPTANCE: Purchaser's exclusive remedy and Videolarm's sole obligation is to supply (or pay for) all labor necessary to repair any Product found to be defective within the warranty period and to supply, at no extra charge, new or rebuilt replacements for defective parts.

3. EXCEPTIONS TO LIMITED WARRANTY: Videolarm shall have no liability or obligation to Purchaser with respect to any Product requiring service during the warranty period which is subjected to any of the following: abuse, improper use: negligence, accident, lightning damage or other acts of God (i.e., hurricanes, earthquakes), modification, failure of the end-user to follow the directions outlined in the product instructions, failure of the end-user to follow the maintenance procedures recommended by the International Security Industry Organization, written in product instructions, or recommended in the service manual for the Product. Furthermore, Videolarm shall have no liability where a schedule is specified for regular replacement or maintenance or cleaning of certain parts (based on usage) and the end-user has failed to follow such schedule; attempted repair by non-qualified personnel; operation of the Product outside of the published environmental and electrical parameters, or if such Product's original identification (trademark, serial number) markings have been defaced, altered, or removed. Videolarm excludes from warranty coverage Products sold AS IS and/or WITH ALL FAULTS and excludes used Products which have not been sold by Videolarm to the Purchaser. All software and accompanying documentation furnished with, or as part of the Product is furnished "AS IS" (i.e., without any warranty of any kind), except where expressly provided otherwise in any documentation or license agreement furnished with the Product.

4. PROOF OF PURCHASE: The Purchaser's dated bill of sale must be retained as evidence of the date of purchase and to establish warranty eligibility.

DISCLAIMER OF WARRANTY EXCEPT FOR THE FOREGOING WARRANTIES, VIDEOLARM HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY AND/OR ALL IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY WARRANTY WITH REGARD TO ANY CLAIM OF INFRINGEMENT THAT MAY BE PROVIDED IN SECTION 2-312(3) OF THE UNIFORM COMMERCIAL CODE AND/OR IN ANY OTHER COMPARABLE STATE STATUTE. VIDEOLARM HEREBY DISCLAIMS ANY REPRESENTATIONS OR WARRANTY THAT THE PRODUCT IS COMPATIBLE WITH ANY COMBINATION OF NON-VIDEOLARM PRODUCTS OR NON-VIDEOLARM RECOMMENDED PRODUCTS PURCHASER CHOOSES TO CONNECT TO PRODUCT.

LIMITATION OF LIABILITY THE LIABILITY OF VIDEOLARM, IF ANY, AND PURCHASER'S SOLE AND EXCLUSIVE REMEDY FOR DAMAGES FOR ANY CLAIM OF ANY KIND WHATSOEVER, REGARDLESS OF THE LEGAL THEORY AND WHETHER ARISING IN TORT OR CONTRACT, SHALL NOT BE GREATER THAN THE ACTUAL PURCHASE PRICE OF THE PRODUCT WITH RESPECT TO WHICH SUCH CLAIM IS MADE. IN NO EVENT SHALL VIDEOLARM BE LIABLE TO PURCHASER FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND INCLUDING, BUT NOT LIMITED TO, COMPENSATION, REIMBURSEMENT OR DAMAGES ON ACCOUNT OF THE LOSS OF PRESENT OR PROSPECTIVE PROFITS OR FOR ANY OTHER REASON WHATSOEVER.

SM75C2N IP Ready Network Housing

Outdoor vandal resistant surface mount ptz IP camera system that can be mount facing down or facing towards the sky. 23x zoom Day & night camera. MPEG-4 & MJPEG video compression format, Full D1. Clear dome, w/24Vac input, heater/blower

ELECTRICAL SPECIFICATIONS (OUTDOOR ONLY):

(SM7CS-9)

Power 24Vac , Class 2 Only

Total Power: 72 watts

Accessories (Heater/Blower): 52 watts

Heater: 50 watts

Blower: 2 watt

Camera Power: 20 watts

ELECTRICAL SPECIFICATIONS (OUTDOOR ONLY):

(SM7C12S-9)

Power 12VDC , Class 2 Only

Total Power: 42 watts

Accessories (Heater/Blower): 22 watts

Heater: 20 watts

Blower: 2 watt

Camera Power: 20 watts

GENERAL INSTRUCTIONS:

Tools Required: .100" Flat Head Screwdriver

Phillips Head Screwdriver

Be sure the bracket is properly and securely mounted to a supporting structure capable of rigidly holding the weight of the entire unit.

ASSEMBLING THE UNIT:

1. Remove content from all boxes. *Contents should include:*

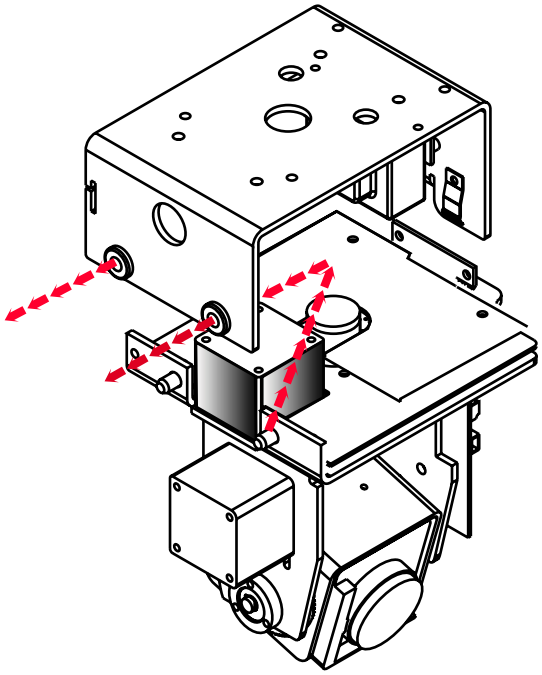
Main Housing Assembly

Dome Assembly - Clear or Tinted

Do **not** remove the protective film until the product is assembled and installed.

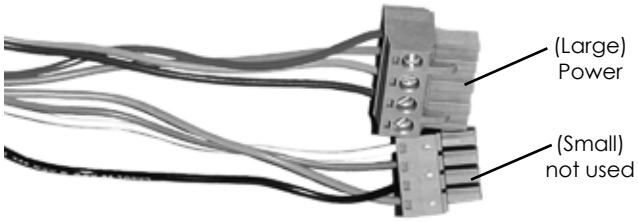
INSTALLATION OF PTZ CAMERA

Pan/Tilt unit is boxed separately and must be installed into the housing. Remove unit from box, slide the (2) pins on the pan/tilt base through the rubber grommets as shown below. Unit will not align unless base is fully pushed into place. Lower other end of base and secure with captive fastener.



2 Packet Assemblies

WIRING INSTRUCTIONS (OUTSIDE OF HOUSING)



Wiring Color Code Power and Control Inputs (SM7CS-9)

POWER			
1	Camera Power (24 VAC)	Red	} 20 watts MAX
2	Camera Power (24 VAC)	Orange	
3	Heater and Blower Power (24 VAC)	Yellow	} 52 watts
4	Heater and Blower Power (24 VAC)	Green	

*(heater and blower **not included** on indoor unit)*

Wiring Color Code Power and Control Inputs (SM7C12S-9)

POWER			
1			
2			
3	Heater and Blower Power (12 VDC)	Red+	} 42 watts
4	Heater and Blower Power (12 VDC)	Black -	

*(heater and blower **not included** on indoor unit)*

ALARM		
1	GND	Red
2	GND	Violet
3	ALARM OUT	Gray
4	ALARM IN	White

The unit is set up with (2) individual power inputs:

1. Accessory Power (yellow and green wire)
2. Camera Power (red and orange)

If you wish to provide a single power transformer it is recommended that:

1. Be certain that you know the total power consumption of the housing Heater (50 watts) + Blower (2 watts) + camera pan/tilt (28 watts).
2. Check the supplied wiring chart (see below) to be sure that you have the proper gauge wire for the distance that you intend to run your power wires.

24V AC Wiring Distances

The following are the recommended maximum distances for 24 VAC with a 10% voltage drop (10% is generally the maximum allowable voltage drop for AC powered devices).

	Wire Gauge							
Total vA consumed	22	20	18	16	14	12	10	
5.5	250	400	600	960	-	-	-	Maximum distance from transformer to load
10	120	180	300	480	800	1300	-	
20	89	141	225	358	571	905	1440	
30	65	90	130	225	350	525	830	
40	44	70	112	179	285	452	720	
50	35	56	90	143	228	362	576	
60	29	47	75	119	190	301	480	
70	25	40	64	102	163	258	411	
80	31	34	55	85	140	215	340	

3. Bring power to the 3 and 4 position of the power connector (yellow and green wire).

INSTALLING THE HOUSING ASSEMBLY:

Be sure the bracket is properly and securely mounted to a supporting structure capable of rigidly holding the weight of the entire unit.

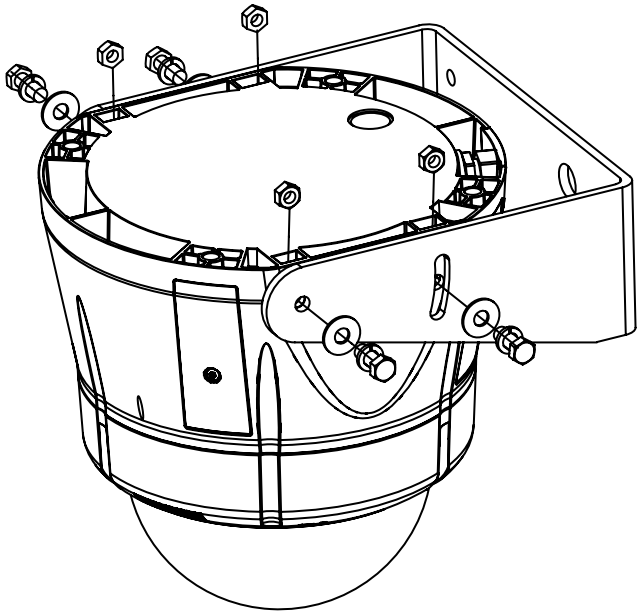
INSTALLING OPTIONAL WALL MOUNT

1. Choose the desired location for installation and mark the drill holes using the template. Screw (2) bolts (not provided) about ¾ of the way into the (2) top holes. Run approximately 8 of wiring out of the wall.

   NOTE: *Be sure the hardware and the mounting surface can support the weight of the wall mount bracket plus the weight of the housing and drive unit. The load will be subjected to vibration from the camera motor and wind.*

2. The wall mount bracket provided with the SM7 includes a location for conduit entry. If you wish to install conduit to the bracket remove the conduit hole plug. Install fitting from below the wall mount and secure with conduit nut from inside the bracket.

3. Open the access door on the bottom of the wall mount by loosening the screw nearest the mounting plate.



4. Attach the wires from the wall to the connector provided. using the wiring color code chart as a guide.

5. Once all wiring connections are made, place the wires inside the wall mount bracket and close the access door. Secure with the screw removed earlier.

CONNECTING THE TRIM RING ASSEMBLY TO THE HOUSING TOP:

1. Open the access door on the bottom of the wall mount by loosening the screw nearest the mounting plate.

2. There is a safety lanyard that is attached to the inside of the dome assembly. Take the open end of the lanyard and loop it around the lanyard tab that is located inside the housing top.

3. The safety lanyard is now attached to the trim ring.

CARE AND CLEANING OF DOMES:

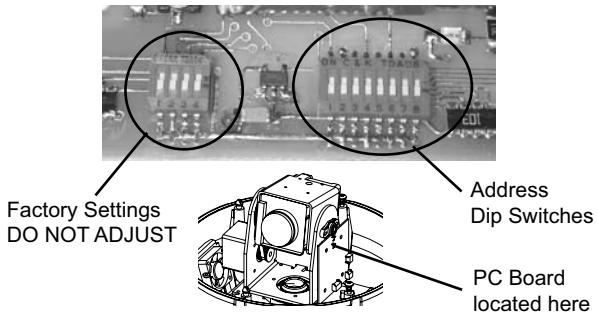
All SM7 units include an optically clear polycarbonate dome. The dome is an optical device and should be handled with extreme care. Leave protective film on dome until product is fully assembled and installed. Even though the dome is virtually unbreakable, it **can** be easily scratched.

Clean only with a clean cotton cloth and warm water.

DO NOT use a strong solvent or cleanser!

SETTING PROTOCOL FOR THE UNIT

There are no user settings for protocol selection. The MR7CS-9™ will respond to Pelco D, Pelco P, or Videolarm VL422 protocol automatically (1 start bit, 1 stop bit, 8 data bits, no parity).



SETTING THE ADDRESS FOR THE UNIT

Each pan/tilt must have its own unique address. The factory default address is 001 . To change this address use the 8 position dip switch located on the PC Board on the side of the pan/tilt (Figure 4), referring to the chart in the back of this manual. The address is set with the rocker style dip switches, which are non-volatile. The address cannot be changed unless the dip switches are moved, or unless the Remote Address feature in the VLC485 software is used.

OPTIONAL SETTINGS FOR THE MR7CS-9™

Protocols

The MR7CS-9™ supports VL422, Pelco P, and Pelco D protocols. The protocol is sensed automatically so there are no dip switches or adjustments for setting the protocol.

Day/Night Camera

When the light level is low, the camera will switch out the infrared filter and go to black and white mode. This feature can be permanently turned off, on, or set to automatic mode by using the menu in the On Screen Display.

Zones

There are 16 zones that may be programmed in the MR7CS-9™. Each zone may be set as a privacy zone with the video off. The zone title, if programmed and enabled, will be displayed regardless of whether the zone is programmed for privacy or not.

Presets

The MR7CS-9™ has 64 presets that can be used individually or as part of an auto tour. Preset 1 is the "home preset"; In addition, some presets have special functions as shown in the table below:

PRESET NUMBER	COMMAND	FUNCTION
66	GO TO	Show this table
70	GO TO	Start Auto Tour
80	GO TO	Run Pattern
80	SET	Start Recording Pattern
81	SET	Stop Recording Pattern
89	GO TO	Put Camera Into Auto Iris Mode
95	GO TO	Display Main Menu

Auto Tour

The auto tour function will automatically go, in sequence, to each preset that has been programmed. The dwell time for each preset can be set individually to be from 0 to 99 seconds.

NOTE: When the dwell time is set to "0" the preset will be replaced by the pattern (see below for setting). The pattern will execute, then auto tour will resume. More than one preset may be replaced by the pattern.

Pattern

A pattern is a programmed continuous path. The camera will follow this path repeatedly until the pattern is stopped. One pattern, with a maximum pattern time of 128 seconds, can be set.

MENU DRIVEN SETTINGS

To enter the Main Menu, go to preset 95. The picture will disappear and the menu selections will appear on screen.

When you are in the Main Menu pan and tilt functions will not control the motion of the pan/tilt (except where noted). Instead, "Tilt Up" or "Tilt Down" will be used to navigate up or down along the main menu. "Pan Right" and "Pan Left" will be used to select between the main menu selection and the sub menu. The "Zoom In" and "Zoom Out" are used to turn the selected functions on or off.

DISPLAY - This controls the display of the compass heading and allows the user to calibrate the compass heading. PAN RIGHT to access the sub-menu. TILT DOWN to access each item. PAN LEFT to return to the main menu.

COMPASS - The display show "COMPASS ON" or "COMPASS OFF". Press "zoom in" to turn the compass heading on and "zoom out' to turn the compass display off.

SET NORTH - Press "zoom in" button to set calibration. The display will show "OK".

POSITION - This displays the pan and tilt positions of the camera. Press "zoom in" to turn this on, "zoom out" to turn it off.

ADDRESS - This displays the camera address. Press "zoom in" to turn this on, "zoom out" to turn it off.

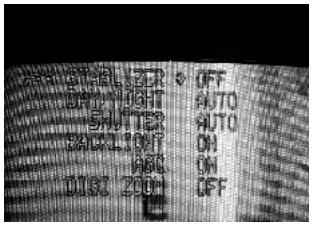
TEMP - This displays the temperature sensor data on the tilt board. Press "zoom in" to turn this on, "zoom out" to turn it off.

NOTE: This reading will be higher than the actual ambient temperature in the dome. This is for diagnostic use only.

PRESSURE - This displays the pressure sensor data for units equipped with a pressure sensor. Press "zoom in" to turn this on, "zoom out" to turn it off.

CAMERA - The “CAMERA” sub-menu is used to control several of the camera’s parameters. PAN RIGHT to access the sub-menu. TILT DOWN to access each item.

NOTE: When this sub menu is accessed the camera picture will return to allow adjustments.



STABILIZER - Stabilizer, where equipped, compensates for small movements or vibrations when the camera is “zoomed in”. Press "zoom in" to turn this on, "zoom out" to turn it off.

DAY/NIGHT - This is used to control the low light mode of the camera. There are three choices:

AUTO - The camera will automatically switch into day/night mode for low light conditions.

DAY - The camera will be in the day mode continuously.

NIGHT - The camera will be in the night mode continuously.

Press "zoom in" to cycle through the choices. P

SHUTTER - Selects between auto and manual shutter speeds. Press "zoom in" to cycle up through the selections, or "zoom out" to cycle down.

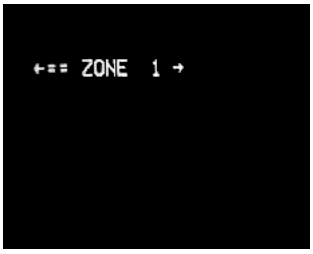
BACKLIGHT - Controls backlight compensation. Press "zoom in" to turn this on, "zoom out" to turn it off.

AGC - Selects automatic AGC or minimum AGC (0db). Press "zoom in" to turn this on, "zoom out" to turn it off.

DIGI ZOOM - Turns the digital zoom on and off. Press "zoom in" to turn this on, "zoom out" to turn it off.

ALARM - To get to this section, tilt down from the CAMERA menu. This menu allows the user to control the operation of the alarm input. If the alarm is enabled, the camera will go to preset 1. Press "zoom in" to enable, press "zoom out" to disable.

ZONES - Up to 16 zones may be selected, each zone has a number of parameters associated with it. Pan Right to access Zones. "ZONE 1" will display.



"Tilt up" or "Tilt down" to select the zone desired. Once the zone is selected, "Pan Right" to access the sub-menu.

SHOW - Allows the title to be displayed. Press "zoom in" to turn this on, "zoom out" to turn it off.

PRIVATE - Determines if this will be a privacy zone. Press "zoom in" to turn this on, "zoom out" to turn it off.

RLIMIT - Sets the pan right limit for the zone. The current pan limit will be displayed. Press "zoom out", the picture will reappear and you will have pan control. Pan to the desired location. Press "zoom in" to select. The new pan limit will appear.

LLIMIT - Sets the pan left limit for the zone. The current pan limit will be displayed. Press "zoom out", the picture will reappear and you will have pan control. Pan to the desired location. Press "zoom in" to select. The new pan limit will appear.

NOTE: The picture will displayed whenever you are in RLIMIT or LLIMIT. When you toggle to any other sub-menu the picture will disappear.

TITLE - Displays the current title.

SET TITLE - This is used to set the title of the zone. The current zone title will be displayed at the bottom of the screen with at question mark (?) at the cursor position. Use pan right or left to change the cursor position. When the desired position has been selected, use tilt up and tilt down to select the character to be displayed. Press "zoom in" to set the title and exit the submenu. Pressing "zoom out" will restore the original title.

SYSTEM INFO - Displays the Pan Version, Tilt Version, Current Pan Position and Current Tilt Position.

PRESETS - Allows the selection of the dwell times for each of the 64 presets. When this submenu is selected, the dwell time for each of the 64 presets is displayed.

NOTE: If a preset has been saved, the dwell time for that preset will only be displayed as ".."

REMINDER: A dwell time of more than "0" can only be selected if a preset has been saved.

Press "tilt up" or "tilt down" to select the desired preset.

Pan right and the dwell time selection will appear. Press "tilt up" or "tilt down" to change the time.

Pan left to return to the Presets Selection sub-menu. Pan left again to return to the Main Menu.

PATTERN: The MR7CS-9 allows recording of one pattern of up to 128 seconds in length. This is a separate function from auto tour.

TO RECORD A PATTERN:
- Set preset 80 to begin recording.
- Record your pattern.
- Set preset 81 to stop recording.

TO RUN THE PATTERN:
- Go to preset 80.

TO STOP THE PATTERN:
- Move the joystick.

TO MAKE THE PATTERN PART OF AUTO TOUR:
- Set a preset or presets for which you want the pattern to run.
- Go to the PRESETS section of the menu.
- Go to the SET DWELL TIME function.
- Set the dwell time for the desired presets to "0".
- Exit the menu and go back to live video.

Press AUTO TOUR and the tour of each preset will begin. When the tour reaches the preset designated for a dwell time of "0" the pattern will run. The pattern can be set for as many presets as desired, however, only one pattern can be recorded.

EXIT - Pan left to exit the Main Menu.

OTHER FEATURES:

Home Preset

Preset 1 is the "home preset". If this preset has been defined, then the VLTP385 will always go to this preset when the unit is powered up.

Remote Address

The Address of the unit can be set by a remote command. This "soft" address will be saved even if the unit loses power and will override the dip switch set address. The "soft" address can be cleared by a remote command and the address will be determined by the dip switch setting.

Program Download

There are two software programs in the standard unit. Each program can be updated via the command communication channel with a laptop or other computer system.

Error Messages

The "COMM ERROR" message will be displayed at the top of the screen whenever the MR7CS-9™ detects frame errors in the receive data, such as when the RXA and RXB wires are reversed when using RS485/422 or when the baud rate is incorrect.

The "CAMERA ERROR" message will be displayed at the top of the screen whenever there is an error in communicating with the camera.

DIPSWITCH SETTINGS:

Address Dip switch settings, refer to Table 1 on next page.

DIPSWITCH SETTINGS:

Address Dip switch settings, refer to Table 1.

Table 1: Pan/Tilt Address Dip Switch Settings

ADDRESS	SW8	SW7	SW6	SW5	SW4	SW3	SW2	SW1
0	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
1	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON
2	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
3	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON
4	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF
5	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON
6	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF
7	OFF	OFF	OFF	OFF	OFF	ON	ON	ON
8	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF
9	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON
10	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF
11	OFF	OFF	OFF	OFF	ON	OFF	ON	ON
12	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF
13	OFF	OFF	OFF	OFF	ON	ON	OFF	ON
14	OFF	OFF	OFF	OFF	ON	ON	ON	OFF
15	OFF	OFF	OFF	OFF	ON	ON	ON	ON
16	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF
17	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON
18	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF
19	OFF	OFF	OFF	ON	OFF	OFF	ON	ON
20	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF
21	OFF	OFF	OFF	ON	OFF	ON	OFF	ON
22	OFF	OFF	OFF	ON	OFF	ON	ON	OFF
23	OFF	OFF	OFF	ON	OFF	ON	ON	ON
24	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF
25	OFF	OFF	OFF	ON	ON	OFF	OFF	ON
26	OFF	OFF	OFF	ON	ON	OFF	ON	OFF
27	OFF	OFF	OFF	ON	ON	OFF	ON	ON
28	OFF	OFF	OFF	ON	ON	ON	OFF	OFF
29	OFF	OFF	OFF	ON	ON	ON	OFF	ON
30	OFF	OFF	OFF	ON	ON	ON	ON	OFF
31	OFF	OFF	OFF	ON	ON	ON	ON	ON
32	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
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ADDRESS	SW8	SW7	SW6	SW5	SW4	SW3	SW2	SW1
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ADDRESS	SW8	SW7	SW6	SW5	SW4	SW3	SW2	SW1
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ADDRESS	SW8	SW7	SW6	SW5	SW4	SW3	SW2	SW1
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ADDRESS	SW8	SW7	SW6	SW5	SW4	SW3	SW2	SW1
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ADDRESS	SW8	SW7	SW6	SW5	SW4	SW3	SW2	SW1
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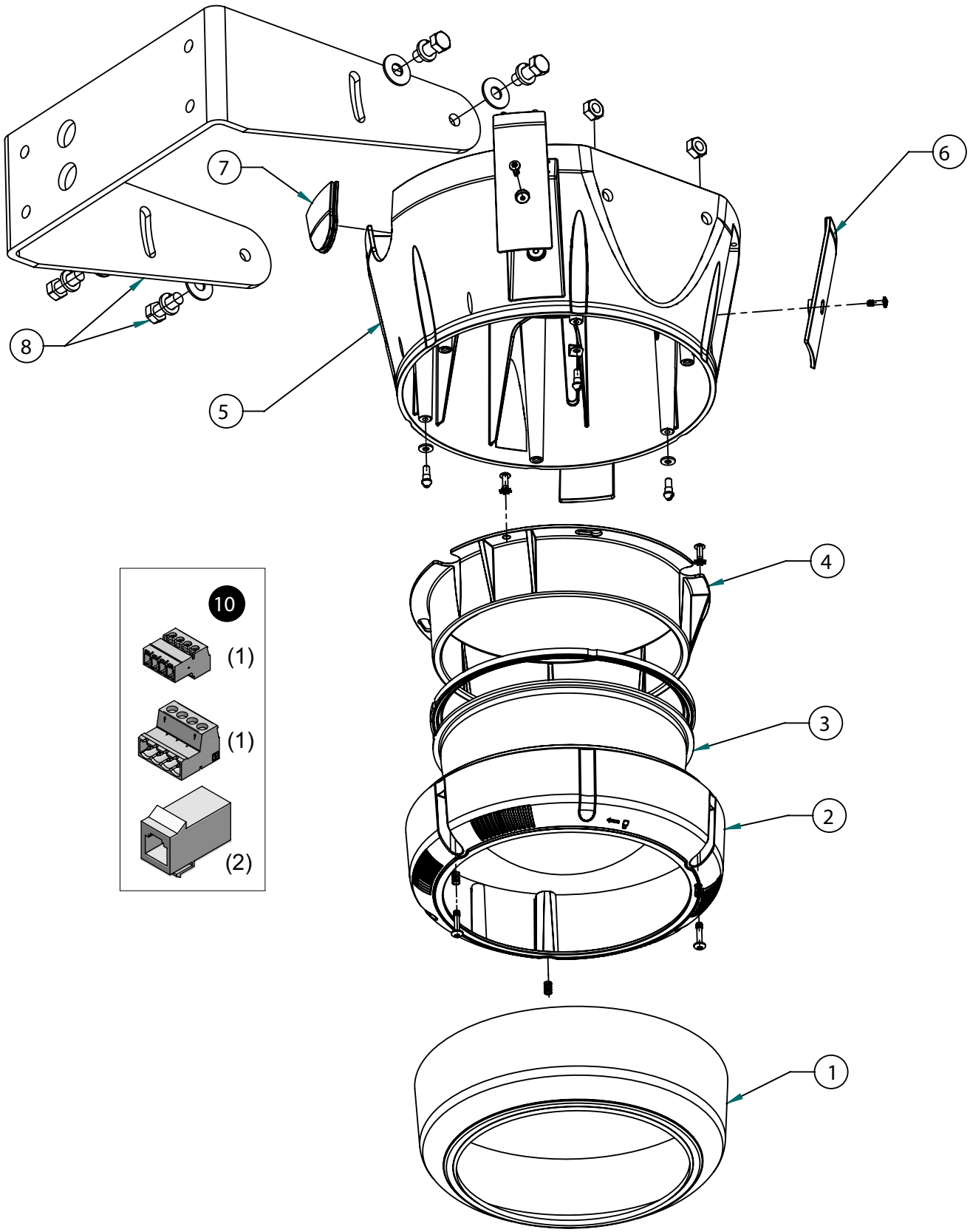
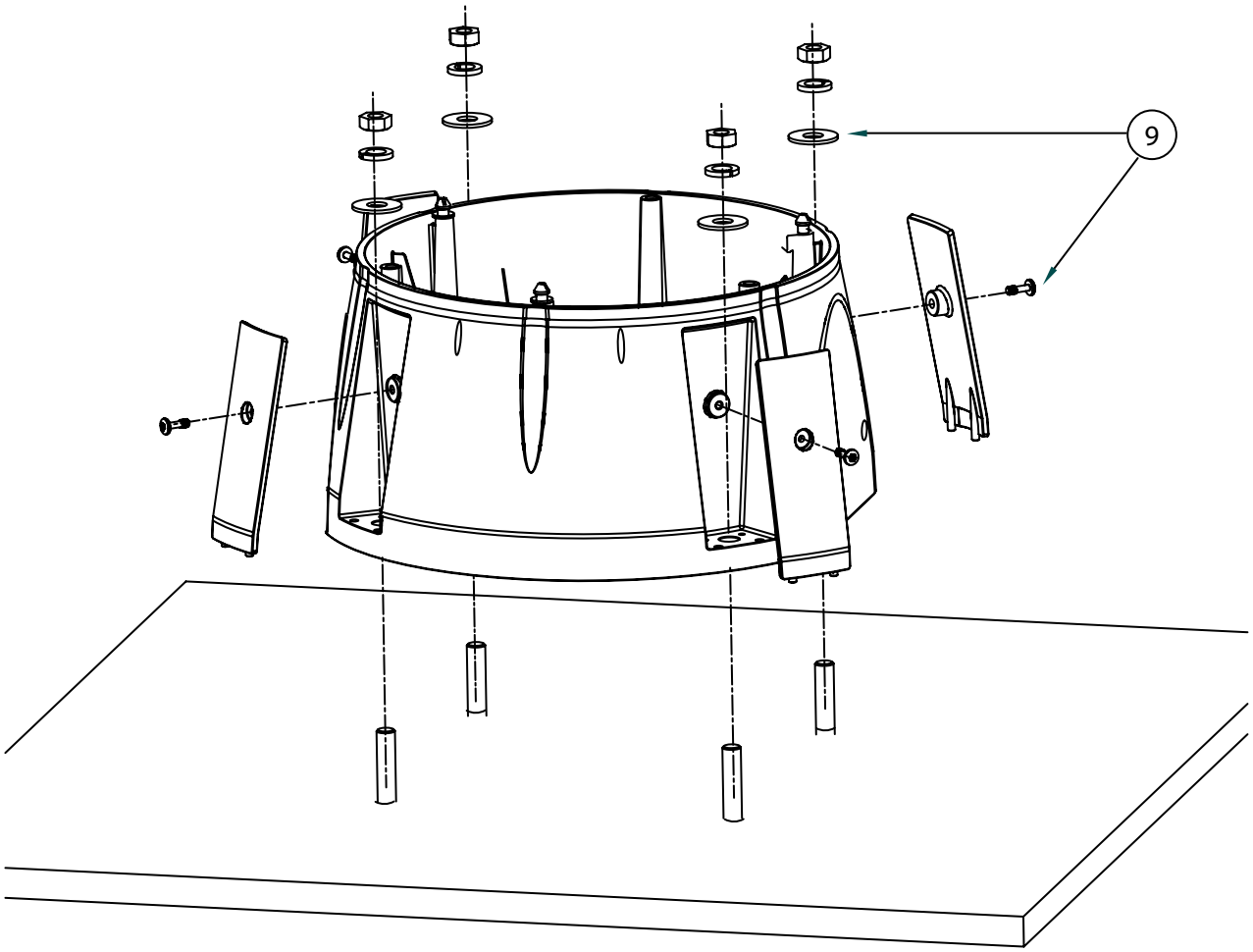
Exploded View for Replacement Parts



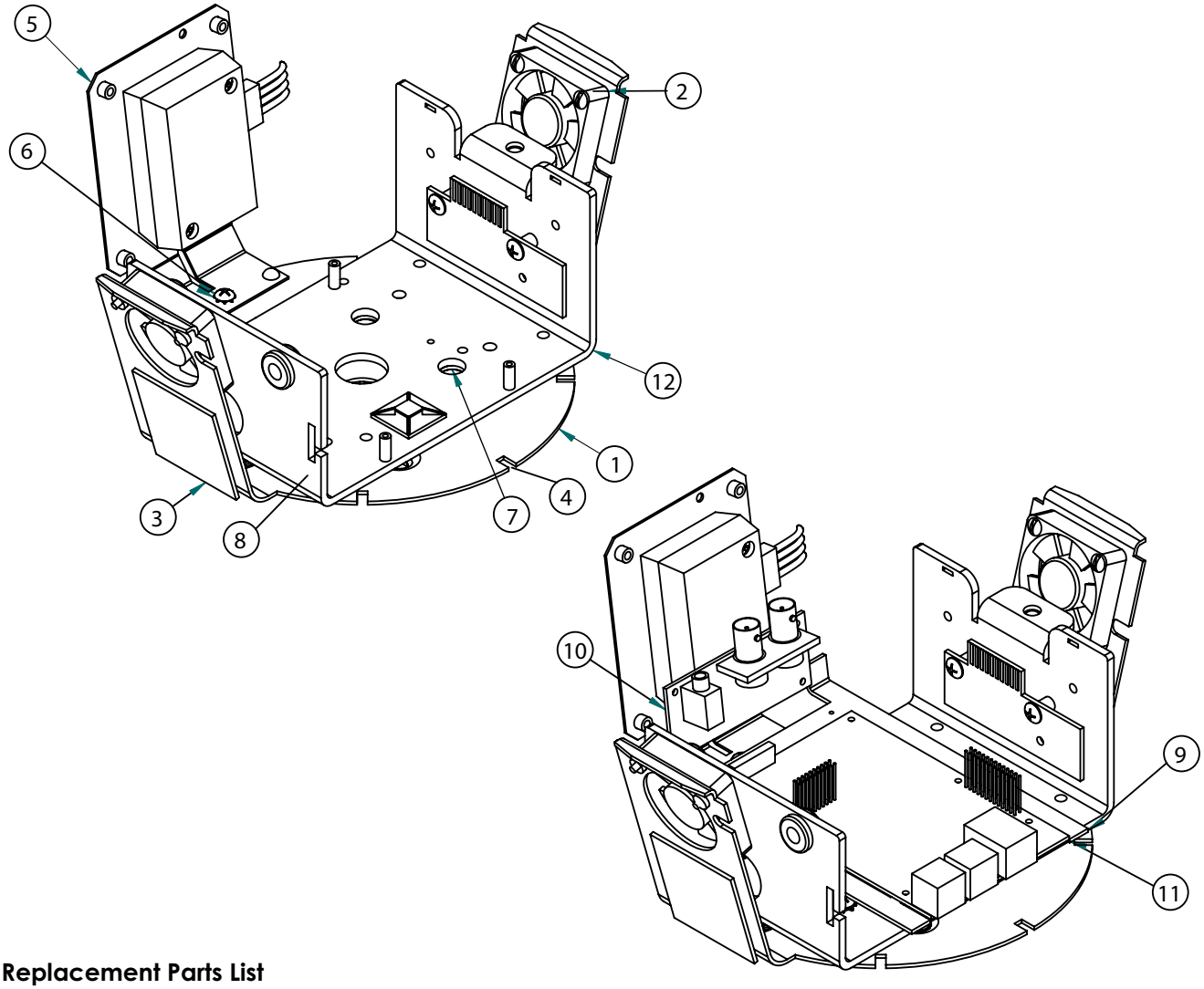
Exploded View for Replacement Parts (Surface Mount)



Replacement Parts List

	Part Number	Description
1	RPSM7501	DOME SEAL
2	RPRH7502	LOWER TRIM RING
3	RC7T	TINTED REPLACEMENT CAPSULE
	RC7C	CLEAR REPLACEMENT CAPSULE
4	RPRH7503	DOME CLAMPING BRACKET
5	RPSM7511	HOUSING TOP
6	RPSM7512	MOUNTING HOLE CLOSURE
7	RPSM7513	CONDUIT HOLE CLOSURE
8	RPSN7514	WALL MOUNT BRACKET (OPTIONAL)
9	RPSM75040	HOUSING HARDWARE
10	RPPKH2090	HOUSING HARDWARE PACKET A
N/S	RPPKH2100	PACKET w/ ALLEN WRENCH and (3) SECURITY FASTENERS
N/S	RPPKH2130	PACKET w/ 1/8 TAMPERPROOF KEY (SIDE PLATES)

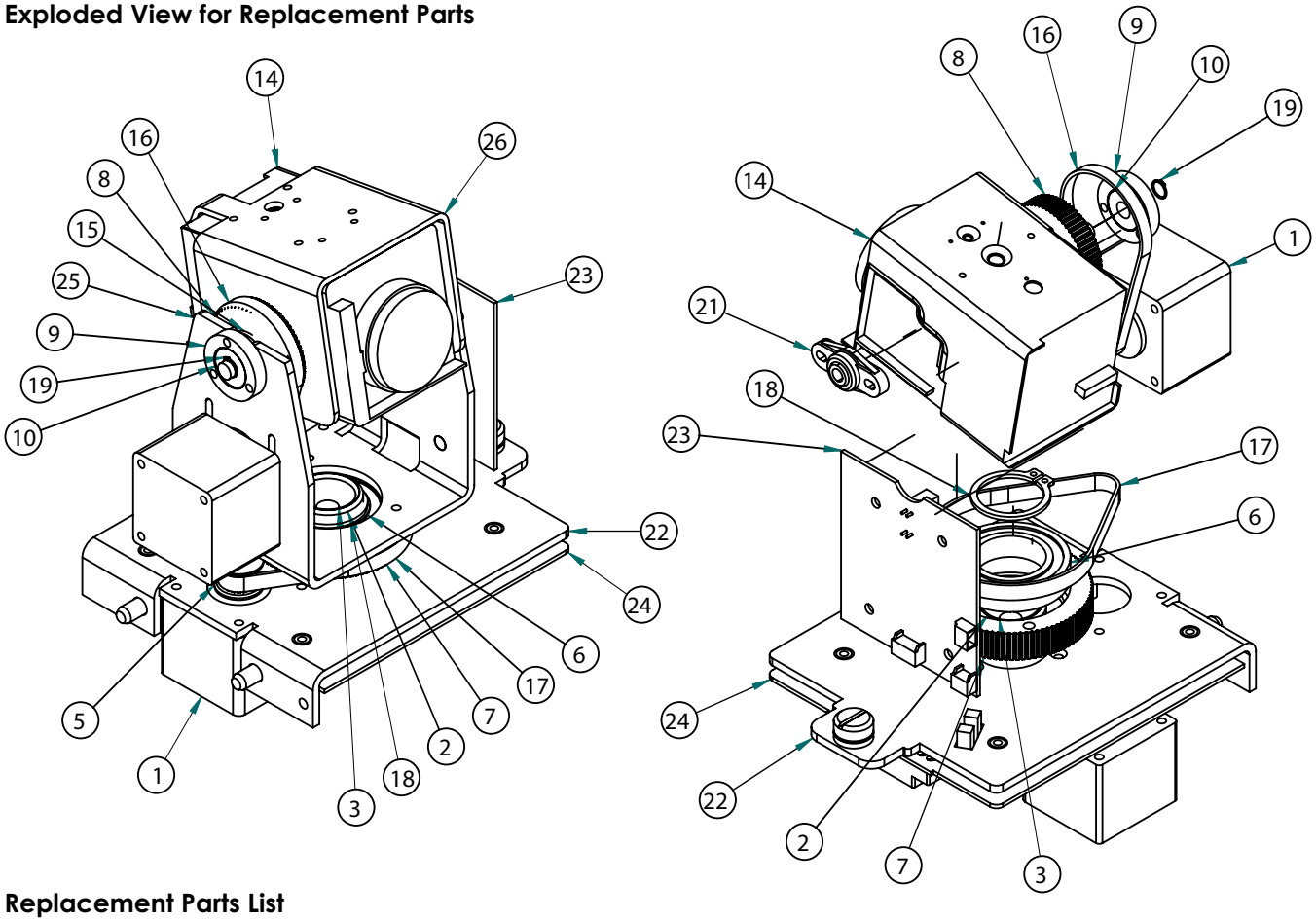
Exploded View for Replacement Parts



Replacement Parts List

	Part No.	Description
1	**RPFD060**	Camera Bracket
2	**RPFD080**	Blower (2)
3	**RPFD072**	24VAC Heater (2)
4	**RPFD050**	Connection PCB
5	**RP-TRAN03**	24vac to 12vdc Power Supply
6	**RP40BRTRAN3**	Power Supply with Bracket
7	**RP96VL2413**	Pan Tilt Base Gasket
8	**RP40BRB38504**	Pan/Tilt Base (Network)
9	**RPVL2982R0**	IP Bracket
10	**RP76POF0605E**	IP Connection PCB
11	**RP70P1401S**	IP Main PCB

Exploded View for Replacement Parts



Replacement Parts List

	Part No.	Description
1	**RP6039mm1.8**	Motor (2)
2	**RPVL2314**	Hub Bracket
3	**RP40CASL385**	Slip Ring Assembly (2)
5	**RPVL2315**	20T 80 Pitch Pulley (2)
6	**RP605007**	Bearing
7	**RPVL2316**	90T Pan Pulley
8	**RPVL2318**	60T Tilt Pulley
9	**RPVL2320**	Tilt Bearing Hub
10	**RP605011**	Bearing
14	**RP73CAVKS454**	23 X Zoom Camera
15	**RP92WSFN11**	Nylon Washer (2)
16	**RP605009**	Tilt Belt
17	**RP605008**	Pan belt
18	**RP95FSSR06**	Retaining ring (large)
19	**RP95FSSR07**	Retaining ring
21	**RP605010**	Tilt Bearing
22	**RPVL2312R1**	Quick Release Bracket
23	**RP76V385T**	Tilt PCB
24	**RP76V385P**	Main PCB
25*	**RPVL2317**	Tilt Bracket
26*	**RPVL2321**	Camera Bracket

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Thank you for choosing Videolarm. We value your patronage and are solely committed to providing you with only the highest quality products available with unmatched customer service levels that are second-to-none in the security industry.

Should a problem arise, rest assure that Videolarm stands behind its products by offering some of the most impressive warranty plans available: ***3 Years*** on all Housings, Poles, Power Supples, and Accessories and ***5 Years*** on all camera systems (SView, QView, Warriors), and InfraRed Illuminators.

Register Your Products

Option 1: Online *Option 2:* Mail-In

Take a few moments and validate your purchase with our **Online Product Registration Form** at ***www.videolarm.com/productregistration.jsp*** or complete and mail-in the bottom portion of this flyer.

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- Simple and Trouble-Free RMA process
- Added into customer database to receive product updates / news
- Eliminate the need to archive original purchase documents: Receipts, Purchase Orders, etc…

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Place in envelope, affix stamp and mail to: ***Videolarm ATTN: Warranty***
2525 Park Central Ave.
Decatur, GA 30035

Main Contact Info

First Name: _____ Last Name: _____

Professional Title: _____ Company: _____

Address 1: _____ Address 2: _____

City: _____ State / Province/Country: _____

Zip / Postal Code: _____ Phone Number: _____ E-mail Address: _____

Product Information

Please Circle One: Business Personal

Name & Location of Company / Store where Purchased: _____
(City, State, Country)

Videolarm Product ID _____ Product Description _____

Serial # _____
(Available only for Camera Systems, IR Illuminators, Wireless Devices)

PO# _____